

Patent Claims:

1. Hydraulic unit for a hydraulic control and/or regulation device, in particular for slip-controlled motor vehicle brake systems, comprising several hydraulic, mechanical and/or electrically operable functional elements arranged at an accommodating member, such as accumulation elements, valve elements, pressure-generation and driving elements, comprising several pressure fluid channels interconnecting the functional elements and capable of providing a hydraulically switchable connection between at least one pressure fluid source and one pressure fluid consumer, as well as comprising a connection to a control device (11) for actuating the functional elements, and comprising at least one cavity (6) associated with at least one functional element and disposing of means for bleeding, characterized in that two connecting channels (9, 12) that lead into the ambience (U) are provided with closing devices (10, 13), which hinder the ingress of fluid into the cavity (6) and allow ventilation of the cavity (6) and a discharge of leakage fluid into the ambience.
2. Hydraulic unit as claimed in claim 1, characterized in that the connecting channels (9, 12) include closing devices (10, 13), which principally adopt a closing position, and in that the closing devices (10, 13) alternately are movable into an open position.

3. Hydraulic unit as claimed in claim 2,
c h a r a c t e r i z e d in that the closing devices (10, 13) are designed as non-return valves movable to adopt an open position as a result of a pressure difference between cavity (6) and ambience (U).
4. Hydraulic unit as claimed in claim 1, 2 or 3,
c h a r a c t e r i z e d in that a closing device (13) opening in the direction of the cavity (6) is associated with the first connecting channel (12) so that pressure compensation in the cavity (6) takes place due to the passage of atmospheric air, and wherein associated with the second connecting channel (9) is a closing device (10), which opens in the direction of the ambience (U) and through which air and/or leakage fluid is discharged into the ambience (U).
5. Hydraulic unit as claimed in claim 4,
c h a r a c t e r i z e d in that an air-permeable and fluid-impermeable diaphragm (18) is associated with the closing device (13) of the first connecting channel (12).
6. Hydraulic unit as claimed in claim 5,
c h a r a c t e r i z e d in that the air-permeable and fluid-impermeable diaphragm (18) is arranged in front of the closing device (13) in the forward direction.
7. Hydraulic unit as claimed in claim 5 or 6,
c h a r a c t e r i z e d in that the air-permeable and fluid-impermeable diaphragm (18) in combination with the closing device (13) is provided as a modular unit and attached to a component of the hydraulic unit.

8. Hydraulic unit as claimed in claim 1,
c h a r a c t e r i z e d in that the connecting
channels (9, 12) open into accommodating bores (20, 21)
for the closing devices (10, 13), and in that the closing
devices (10, 13) are inserted into the accommodating bores
(20, 21) in a form-fit or frictionally engaged manner.

9. Hydraulic unit as claimed in claim 4,
c h a r a c t e r i z e d in that the closing device
(10) opening in the direction of the ambience (U) is
positioned at the accommodating member (3) in such a
fashion that a weight of a defined quantity of accumulated
leakage fluid invokes an opening movement of the diaphragm
(31).